

Montana and the Sky



Vol. 39, No. 6

MONTANA AERONAUTICS DIVISION

June 1988

SAFETY EXPO SCHEDULED AT YELLOWSTONE

The second annual Back To Basics Family Fly-In Flight Safety Expo will be held July 21-24, 1988, at the Yellowstone Airport at West Yellowstone, Montana. The Expo will be hosted by the Montana Aeronautics Division and sponsored by the Montana Aeronautics Division, Idaho Bureau of Aeronautics and Public Transportation, and the FAA Flight Standards Offices in Boise, Casper, and Helena.

The semi-annual meeting of the Western International Search and Rescue Advisory Council (WISARAC) will also be held in conjunction with the Expo. This meeting will begin at 1:00 p.m. on Wednesday, July 20, and continue through noon on Thursday, July 21.

The Expo will include seminar sessions concerning such topics as density altitude, aircraft performance, U.S. and Canadian airspace, mountain flying, aircraft maintenance, survival, military IR/VR routes, ATC procedures, aircraft insurance, Young Astronauts activities, and weather.

The FAA will conduct their "Wings" seminar which will feature three hours of free flight instruction and ground instruction. If you do not have an aircraft, rentals will be available, so be sure to indicate this on your preregistration. Canadian pilots may also participate in this program whether or not they hold a U.S. pilot certificate.

The 99s will conduct a Flying Companion seminar for non-pilots. There will be exhibitor booths and military and civilian static displays. The Expo will also include a density altitude takeoff contest.

A temporary control tower and flight service station will be in operation at

the airport beginning at 12:00 noon on July 20 until 4:00 p.m. on July 24. The hours of operation are planned to be from 6:00 a.m. until 6:00 p.m. daily July 21, 22, and 23. Frequencies are as follows: Tower-119.4, "Yellowstone Tower"; Ground Control-121.8, "Yellowstone Ground"; and FSS-122.2, "West Yellowstone Radio." ATC VFR tower services will be available. Please call ten miles from the airport for tower services.

Most FSS services will be available, including flight planning (filing, closing, opening), local procedure information, local weather briefing etc. The FSS will be located adjacent to the CFR building north of the main terminal building.

Be sure your aircraft has the required paperwork and current inspections. Ask your mechanic about the external data plate that is now required, if it has not already been installed. Don't forget also to check your personal certificates, BFR, and currency status. Bring your log book.

There is an airport pilots' campground adjacent to the north tie down ramp. Camping will also be allowed next to your airplane. Those wishing to stay in town should make reservations as soon as possible by calling the West Yellowstone Chamber of Commerce at 646-7832. If you're out of state, call 800-521-5241. It is important to make these reservations early since accommodations in town will be limited.

Registration is free, and you may register on arrival. However, **YOU MUST PREREGISTER IF YOU WISH TO PARTICIPATE IN THE WINGS PROGRAM WITH THE THREE HOURS OF DUAL.** A preregistration form for this purpose is included elsewhere in this issue.

Airport Construction Season Begins

By: David C. Kneedler, Chief
Airport/Airways

The word from here is — it's that time of year again — be sure to check for NOTAMS for your destination airports. With well over three million dollars worth of work programmed to take place at various general aviation airports around Montana this summer, it is likely that some of them will be temporarily closed for construction off and on. Following are brief descriptions by location of the various improvement projects planned for this season.

The **Baker Airport** will undergo a complete reconstruction consisting of relocating and reconstructing Runway 12/30 in addition to rehabilitating the existing runway for use as a parallel taxiway. They will acquire additional land to insure clear approaches and also install a medium intensity runway light system.

At **Conrad** they plan to rehabilitate and expand the parking apron, construct access taxiways, and install taxiway reflectors.

At **Twin Bridges** the airport will undergo a major construction of a new paved Runway 16/34 and abandonment of the existing turf runway on that same alignment. A new paved taxiway paralleling Runway 8/26 will provide access to a new parking apron and tiedown area near the west end of that runway. In addition, a medium intensity runway light system and approach slope indicator lights will be installed.

Site preparation work which got underway last fall on the **Dillon Airport** is continuing and will continue throughout the

Continued on Page 6

Administrator's Column

NPRM 88-2 — Win or Lose? My guess is that we are going to lose and end up with exactly what the FAA had targeted their goal in the first place. Congressman Ron Marlenee scheduled a hearing in Billings on May 25 to allow the Montana pilots the opportunity to express for the record their feelings on this FAA proposed rulemaking and, additionally, to have the FAA present to defend their actions. Actually, the hearing turned out to be an "FAA listening session" because Congressman Marlenee was unable to attend due to last minute scheduling obligations. Everyone did get to have their say, and then the FAA representative told us what they have already done to change their proposal and that these changes were already in the final draft stages. This can only lead us to believe that what we had to say really wouldn't have any effect on the outcome. I came away from the session very frustrated, mainly due to some of the statements made by the FAA official, which are contrary to the National Transportation Safety Board's findings in two much publicized midair collisions regarding 1200 transponder squawks not being seen by controllers. If the FAA ATC system is so capable of handling all of their soon-to-be-required increased workload as proposed in their NPRM 88-2, why can't we get flight following right now before this tremendous workload increase begins??? Have you tried to get VFR flight following lately??? Why do we NOT have radar coverage at our minimum enroute altitudes (MEAs) on our airways? The FAA proposes to cut about 100 of their original proposed 254 TCAs and use a new methodology of passenger boardings instead of air traffic as their justification criteria for TCA determination. I thought that air traffic was the issue?? This criteria would make Billings a TCA!!! — when, in fact, the FAA obviously has determined that there is NOT sufficient air traffic at Billings to justify a "full time" control tower. Will Billings also have a "part time" TCA???

* * * * *

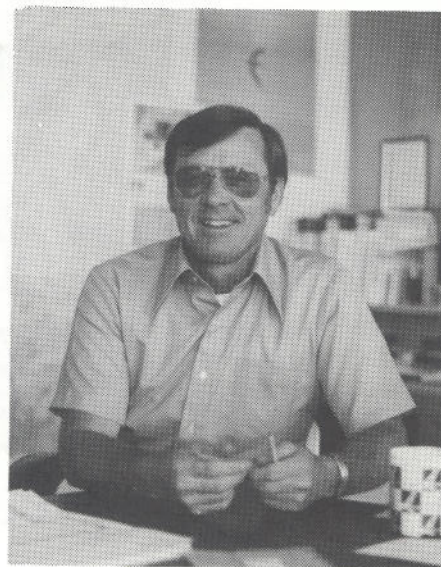
Last Chance. It's not too late to participate in that "once-in-a-lifetime" air tour to Canada and Alaska. The group will meet in Helena the afternoon of July 1 for a safety briefing and a barbecue and will depart Helena early the 2nd. Several planned stops along the way will include camping and more barbecues. For information, call the Aeronautics Division at (406) 444-2506. If you are seriously interested in participating, you should call as soon as possible as final counts are essential for planning purposes.

* * * * *

Second Annual Family Flight Safety Expo. Although addressed elsewhere in this publication, I'd like to personally invite and encourage pilots and their families and friends to plan on participating in our fly-in at West Yellowstone July 20-24. Where else can a flying family go to vacation in a beautiful wonderland like the Yellowstone Park while at the same time get your flight proficiency honed by attending ground schools and three hours of free flight instruction? The final plans are coming together, and we have much more to offer this year. So load your family and tent in your airplane (don't overload!) and fly to the beautiful Yellowstone Airport. Don't forget to bring your tiedowns. Hope to see you there....

* * * * *

Schafer Meadows Work Session. This year's Schafer Meadows Work Session is scheduled for July 15, 16, and 17. We have several work items planned, but it looks like it won't be quite as extensive as last year. Some work projects include building some new pole fence at the east end of the runway, painting the upper fence poles orange on east approach end of the runway, replacing two benches in the east campground, picking rocks from the runway, replacing the windsocks, servicing and painting the windsock standards. This will be another fun work session, and I hope to see you all there. Please be reminded that you will be flying into the "wilderness" and, thus, keep your engine noise level the minimum necessary for a safe flight.



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Fly-In at Ennis Planned for July 2

The Fly-In at Big Sky Airport at Ennis on July 2 promises to be a fun day for those pilots who like to "kick tires and talk airplane!"

The day will begin with registration at 0800. There is no fee for registration. Breakfast is at 0800, and lunch will be served at 1130. A non-profit group from Ennis will provide the meals at a reasonable price. Soft drinks will be available all day.

The world's first talc bombing contest will start between 0930 and 1000, a spot landing contest will be held later in the day, beginning at 1400.

The Fly-In will also feature aerobatic demonstrations, skydivers, scenic rides, antique airplanes, and much more. There is a possibility of a radio controlled airplane exhibition and hot air balloons - details are still being worked out.

A gate fee for vehicles of \$1 per person or \$3 per car - whichever is less - will be charged, but there will be no charge for aircraft. Any proceeds from the fly-in will be used by the Big Sky Flying Club toward their 1989 scholarship fund.

For further information call Tammy Yedinak at 682-7431.

NDBs have Hot Weather Problems

By: Jerry Burrows
Aviation Representative

The hot weather experienced the first part of June has fried some of our NDB transmitters. The 108°F at Glasgow was probably cool compared to the temperature inside the 8' X 6' insulated building with the 100 watt transmitter operating. The transmitter failed, and a cooling/ventilating system is being installed. Jordan also experienced temporary outages due to the heat.

Many of our transmitter buildings have turbine ventilators, and more work will be done on these systems this year.

At last report, Harlowton and Red Lodge were back on the air.

It is sometimes difficult to obtain qualified radio technicians in small communities. The FAA/FCC requires special licenses for aviation related radios.

Flathead Student Wins Division Scholarship



Jody Hodgeboom, a student at Flathead County High School in Kalispell, was recently selected to receive a Montana Aeronautics Division Flight Scholarship in the amount of \$250.

The Scholarship is to be used for flight instruction at the FBO of her choice.

Jody was selected as the outstanding student in her aviation science class at Flathead High School. The class is taught by Fred Naehner.

Maintaining an "A" average in school, Jody has a part-time job at Eagle Aviation in Kalispell where she works in exchange for flight time. She recently passed the FAA private pilot exam.

Jody is the daughter of Fred and Joan Hodgeboom of Kalispell.

Deer Lodge Valley Towers No Longer Lighted

We have been informed by the Montana Power Company that electric service has been discontinued at the commercial broadcast stations located at Deer Lodge and Anaconda. We have no way of knowing whether this condition is temporary or permanent, and only time will answer that question.

We mention that condition here to make Montana's aviation community aware that the radio towers located at those two facilities are still in existence but, due to the absence of electricity, are no longer obstruction lighted. We hope everyone will keep this in mind when flying in the Deer Lodge valley in the vicinity of either Deer Lodge or Anaconda.

CALENDAR

June 13-July 1—Aviation/Aerospace Teacher Workshops.

June 25—MFF Man and Woman of the Year Fly-In, Melville.

July 2-5—MONTCANASKA Air Tour.

July 2—Fly-In/Air Show, Big Sky Airport, Ennis. Contact Tammy Yedinak at 682-7431 or Ed Totten at 682-7182.

July 3—IFF Queen's Fly-In, Mary Bogar, Opheim.

July 9-10—Big Sky International Air Show, Billings. Featuring Blue Angels, Bob Hoover, Eagles Aerobatic Team, Golden Knights.

July 15-16—Schafer Meadows Work Session

July 21-24—Family Fly-In Flight Safety Expo, West Yellowstone.

July 29-Aug. 5—EAA Convention, Oshkosh, Wisconsin.

July 30—Columbus Fly-In. Will include a steak fry and dance. Events begin at 10:00 a.m. Contact Rickman Aircraft at 332-5974 for more information.

Aug. 5-7—MAAA Fly-In, Three Forks. For further information call Bud Hall at 586-3933 or 586-6994 in Bozeman.

Aug. 13—Helena Air Fair. Featuring the Thunderbirds.

Aug. 26-28—MPA State Fly-In at Red Lodge. More Information to follow.

Sept. 15-16—AIP Procedures Seminar sponsored by the Helena Airports District Office. Colonial Inn, Helena.

Sept. 15-18—Reno Air Races.

Sept. 16-18—Mountain Search Pilot Clinic, Kalispell.

Sept. 17—Fly-In Breakfast, Kalispell City Airport.

Oct. 6-8—AOPA Convention, Nashville, Tennessee.

Oct. 7-9—Montana Flying Farmers Convention, Glasgow.

Feb. 17-19, 1989—Flight Instructor Refresher Clinic, Helena.

March 1-4, 1989—Montana Aviation Conference, Butte.

All Pilots

All ELT transmissions are now reported to Search and Rescue by satellites.

Before start-up and after shut-down, tune your aircraft receiver to 121.5—your ELT may be transmitting.

HELENA AIRPORT HOSTS OPEN HOUSE



Over 4,500 people attended an open house at the Helena Airport on May 14. This is the first such event held at Helena in many years. Ron Mercer (left), is manager of the Helena Airport. Pictured with him is Bruce Stewart, airport security.



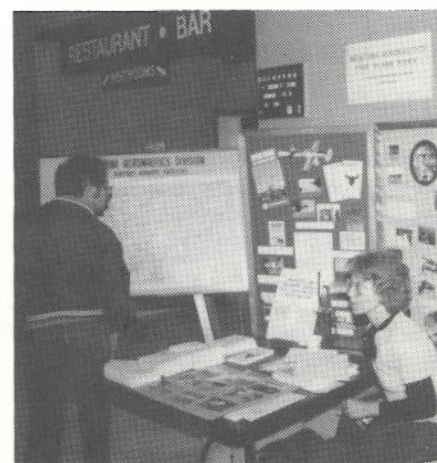
The Helena Flying Tigers, the radio controlled club, displayed their airplanes inside the terminal.



Numerous different types of aircraft and airport equipment were included in an outdoor display.



Frequent drawings were held for various prizes ranging from T-shirts and caps to airplane rides. This group is returning from a ride sponsored by the Montana Aeronautics Division. A total of thirteen round-trip airline tickets to various destinations (some even included lodging) were donated by Northwest Airlink, Northwest Airlink/Northwest, Horizon, and SkyWest/Delta.



Two of the many display booths - both inside and outside the terminal - included (middle photo) Corporate Air and (above) the Montana Aeronautics Division. Other exhibitors included travel, agents, the airlines, the FAA and the Helena Vo-Tech Center.

MOORE SCHOOL HOLDS "Space Day"



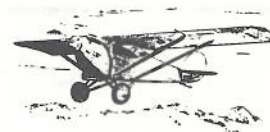
May 19, 1988, was "Space Day" at the Moore School in Moore, Montana. Teacher Teri Willard organized the entire school day so that all students in grades one through twelve were involved in aviation/space activities all day. Superintendent of Schools Richard Hughes supported the idea and helped make the day a successful aerospace educational activity. A Malmstrom Det. 37 Air Rescue helicopter landed at the school to start off the day. Students got a good look and a briefing from the U.S. Air Force crew.



A popular attraction was the planetarium program sponsored by the Museum of the Rockies from MSU in Bozeman.



Students put together and then "flew" a hot air balloon.



FAA Further Restricts Grand Canyon Flights

By: Fred Hasskamp, Chief
Safety and Education Bureau

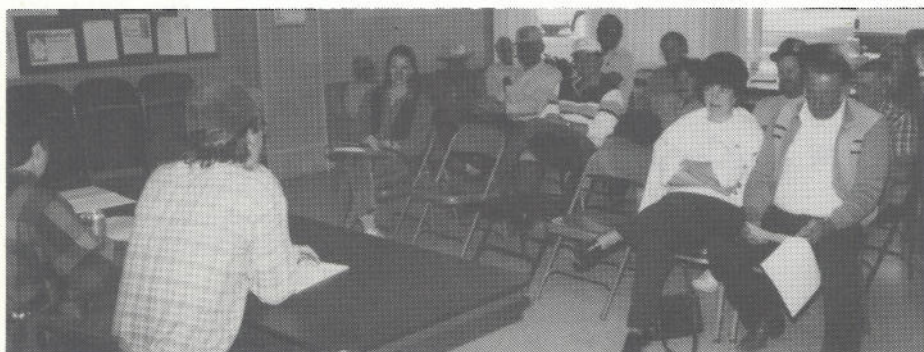
New regulations further restrict low-level flights over the Grand Canyon National Park.

New FAA rules closely follow recommendations by the Department of the Interior and will become effective September 22, 1988.

Four "flight free" zones will be established within the airspace over the park. There will also be altitude restrictions which will vary depending on the area of the park.

If you are planning to see the Grand Canyon National Park from the air after September 22, be sure to obtain current information concerning their new Special Flight Rules Area. This is all in addition to current rules affecting flights over the Grand Canyon National Park.

Flight Safety Program Conducted at Ennis



On May 10, Fred Hasskamp of the Aeronautics Division conducted a flight safety program sponsored by the Southwest Hanger of the Montana Pilots Association at Ennis. President of the Hangar is Paul Yedinak. Vice president is Bob Squire, and Judy Squire is secretary-treasurer.

JUNE PROCLAIMED MONTANA AVIATION MONTH

NWS Reduces Hours in Helena

As of June 5, 1988, the National Weather Service Office in Helena has temporarily reduced its hours of operation to 16 to 18 hours per day with final hours of operation to be determined soon.

The NWS has committed to return to 24-hour service as soon as Congress acts on the reprogramming of funds, which is expected this month.

In the interim, during the hours of NWS closure, observations will be made by certified observers trained by the NWS who are airport employees and employees of airport tenants.



Continued . . .

summer. Work there includes construction of a new main Runway 16/34, 6,500' long by 60' wide, in addition to reconstructing and paving of the cross wind Runway 3/21. Also planned are reconstructing and paving the connecting taxiway and parking apron and installation of a new medium intensity runway light system.

At the **Glendive Airport** improvement work this season will consist of paving a portion of the cross wind Runway 2/20.

On a smaller scale, land is being acquired adjacent to the **Laurel Airport** to permanently assure clear approaches to that facility.

Finally, there are additional projects waiting in the wings that are dependent upon resolving certain local issues in addition to coming up with the necessary funding to accomplish them. These include construction of a complete new airport at **Ronan**, land acquisition and other work preparatory to construction of a new airport at **Colstrip**, and land acquisition for a new airport at **Ennis**.

In addition to all of the general aviation activity outlined, there are over five million dollars programmed for use on Montana's seven large air carrier airports, all of which have projects planned for this summer.

Again, be sure to check your NOTAMS.

State of Montana

Proclamation

WHEREAS, the State of Montana, through the Aeronautics Division of the Montana Department of Commerce, actively participates in the promotion of aviation through various aviation education programs to meet the needs of the youth of the State of Montana; and

WHEREAS, the importance of aviation to the economic well-being of the State of Montana and her citizens and the importance of the aviation/aerospace industry's multitude of career opportunities available to our young people is recognized by local and state government; and

WHEREAS, the Montana Aeronautics Division has scheduled their aviation/aerospace educators' workshops through the following colleges and universities: University of Montana at Missoula and Great Falls, Montana State University at Bozeman, Eastern Montana College at Billings, Carroll College at Helena, and Dawson County Community College at Glendive during the month of June, 1988.

NOW, THEREFORE, I, GORDON MCOMBER, Lt. Governor of the State of Montana, do hereby proclaim the month of June, 1988, as

MONTANA AVIATION EDUCATION MONTH

and encourage the teachers of Montana to support and promote aviation education and recognize its importance to all Montanans and, particularly, Montana's youth.



IN WITNESS WHEREOF, I have hereunto set my hand and caused the GREAT SEAL OF THE STATE OF MONTANA to be affixed. DONE at the City of Helena, the Capital, this thirty-first day of May, in the year of our LORD, one thousand nine hundred and eighty-eight.

W. Gordon McComber
GORDON MCOMBER XXXXXXXXXXXX
Acting Governor of Montana

ATTEST:

Verner L. Bertelsen
Verner L. Bertelsen
Secretary of State

FAA Issues Certificates

PRIVATE

Thomas Ottosen Bigfork
Michael Schlegel Kalispell
Mike Conner Kalispell
Berry Jackson Bozeman
Kevin Larsen Plentywood
Carole Raymond Forsyth
Brian Young Plentywood
Steven Gardner Fort Benton
George Costello Butte
Douglass Powell Helena
Robert Eskridge Missoula
Douglas Widmayer Clancy
John Rawlings Missoula
Scott Doely Rapeljie
Robert Wehrman Billings
David Escherich Red Lodge

COMMERCIAL

Robert Vallance Hamilton
Curtis Hershberger Denton
Floyd Maack Melstone

MULTIENGINE

Timothy Pfahler Helena
Richard Juntunen Clancy

INSTRUMENT

David Downey Kalispell
Mitch Steinberg Kalispell
Robert Reinert Great Falls
Wayne Meyer Bozeman
Monte Belgarde Rocker
Dennis Sacry Whitehall
Timothy Welch Billings
Kenneth Pfeifer Billings
Andrew Stukey Billings
Theresa Johnson Laurel

ATP

Larry Gillaspay Kalispell

INSTRUCTOR-GROUND

Patricia Rasmussen Great Falls

INSTRUCTOR

Richard Juntunen Clancy
(Multiengine)

INSTRUCTOR-INSTRUMENT

John Lutz Butte
Dominique Bugnon Great Falls
Robert Dillon Red Lodge

INSTRUCTOR RENEW/REINSTATE

Edward Hoelscher Billings
Glen White Hysham
David Jourdan Billings
Robert McIver Billings
Robert Groom Libby
Michael Roy Florence
Morris Lindsey Great Falls
Ronald Popp Pony
Charles Monaghan Terry
James Kruger Lakeside
John Hebbelman, Jr. Chinook
Patricia Rasmussen Great Falls
Chester Severson Kalispell
David Hoerner Kalispell
Gerald Bullinger Bozeman
Rollin Munson Plentywood
Byron Sunwall Froid
John Knudson Dayton
Gary Bell Elliston

PREREGISTRATION FOR THREE HOURS DUAL INSTRUCTION

Back To Basics Family Fly-In Flight Safety Expo
July 21—24, 1988

(YOU MUST PREREGISTER IF YOU WANT THE DUAL)

PLEASE PRINT

Name _____ Daytime Phone _____

Address _____ City _____ State _____ Zip _____

Number attending in your group _____ Pilot Cert.: PVT. COMM. ATP

Medical Due Date _____ BFR Due _____

I own/rent the aircraft I will fly. (Some rentals will be available.)

I am working on Phase I, II, III, IV, V, VI (circle one)

Did you receive dual at West Yellowstone last year? Yes _____ No _____

Preregistration will be limited to the number that we can fly based on the number of flight instructors and airport/air traffic control constraints.

Bring details on your aircraft insurance program to share with your flight instructor.

Return To: Al Neal
FAA, NM-FSFO-60A
Natrona County Airport
Casper, WY 82604

Record Numbers Tour Helena Airport

The Montana Aeronautics Division career awareness tour program had a record number of students visit the Helena Airport during the 1987-88 school year. Taking part in the program were 679 students and 83 adults. Tours include the Montana Army National Guard Aviation Support Facility, the FAA Control Tower,

the National Weather Service facility, the Vo-Tech School, and the Montana Aeronautics Division. Many of the youngsters received short orientation flights. In the photo at right, Lanore Johnson's class looks over a helicopter at the National Guard. Below is Larry Brazill's sixth grade class from Whitehall.



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MEMBER

NATIONAL ASSOCIATION OF STATE AVIATION OFFICIALS

PURPOSE—"To foster aviation, as an industry, as a mode of transportation for persons and property and as an a.m. of the national defense; to join with the Federal Government and other groups in research, development, and advancement of aviation; to develop uniform laws and regulations; and to otherwise encourage cooperation and mutual aid among the several states."



June 1988

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